



Kentucky Agricultural Statistics Service
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KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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JAO 8-03

AGRICULTURAL NEWS: Rain continued to limit most spring farming activities as fields were generally too wet for planting and setting. Temperatures averaged 65 degrees, 2 degrees below normal and 6 degrees cooler than the previous week. Rainfall totaled 1.53 inches statewide, 0.46 inches above normal. Main farm work included cutting hay, equipment maintenance, cattle handling, and field preparation where possible. **Topsoil moisture**, as of Friday, May 16, was rated 38 percent adequate and 62 percent surplus. **Subsoil moisture**, was rated 1 percent short, 49 percent adequate, and 50 percent surplus. Days suitable for fieldwork averaged 2.5 out of a possible 7 days.

SMALL GRAINS: As of Friday, May 16, wheat condition was rated 1 percent very poor, 7 percent poor, 22 percent fair, 45 percent good, and 25 percent excellent. Some farmers report minimal small grain lodging and disease despite elevated moisture levels and locally strong winds.

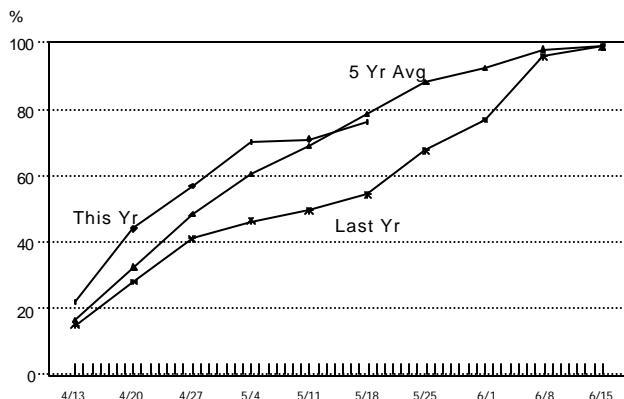
TOBACCO: As of Sunday, May 18, burley tobacco set was 12 percent, 3 percent ahead of the previous year, and 11 percent behind average. Dark tobacco was 11 percent set, 4 percent ahead of the previous year, and 13 percent behind average. Condition of the set

tobacco crop was 4 percent poor, 29 percent fair, 56 percent good, and 11 percent excellent. Some farmers are having to mow their tobacco due to its height and their inability to set plants.

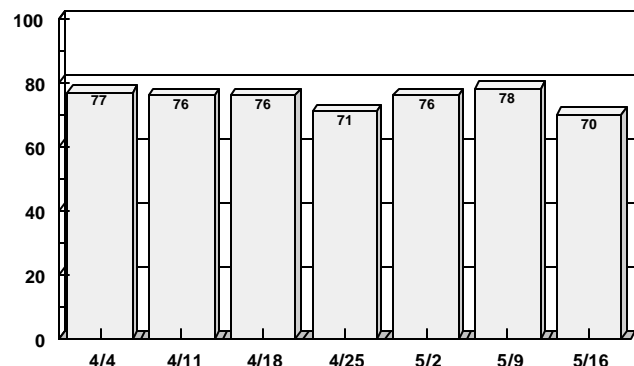
CORN AND SOYBEANS: Planting progress continued to be slowed last week by rainfall and flooded field conditions. As of Sunday, May 18, corn producers have planted 76 percent of their acres, 22 percent ahead of last year, and 3 percent behind average. Corn emerged was 67 percent, 20 percent ahead of last year, and equal to the 5 year average. Corn emerged condition rated 2 percent very poor, 10 percent poor, 33 percent fair, 40 percent good and 15 percent excellent. Soybeans were 11 percent planted, 6 percent ahead of last year, and 14 percent behind average.

OTHER CROPS: Farmers continued to be unable to harvest hay due to the rainy conditions. Hay crop condition was 1 percent very poor, 3 percent poor, 18 percent fair, 53 percent good, and 25 percent excellent. Pasture condition was rated 3 percent poor, 14 percent fair, 52 percent good, and 31 percent excellent. The strawberry crop was 32 percent small, 47 percent medium, 21 percent large. Grain sorghum was 7 percent planted, 6 percent ahead of the previous year, and 16 percent behind average.

CORN PLANTING PROGRESS



WHEAT CONDITION % Good to Excellent



KENTUCKY CROP PROGRESS

WEEK ENDING MAY 18, 2003

WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Corn					
Planted	76	54	79	71	64
Emerged	67	47	67	62	24
Soybeans					
Planted	11	5	25	6	16
Sorghum					
Planted	7	1	23	NA	27
Burley Tobacco Set	12	9	23	4	NA
Dark Tobacco Set	11	7	24	1	NA

(NA) Data Not Available.

SOIL MOISTURE

WEEK ENDING MAY 16, 2003

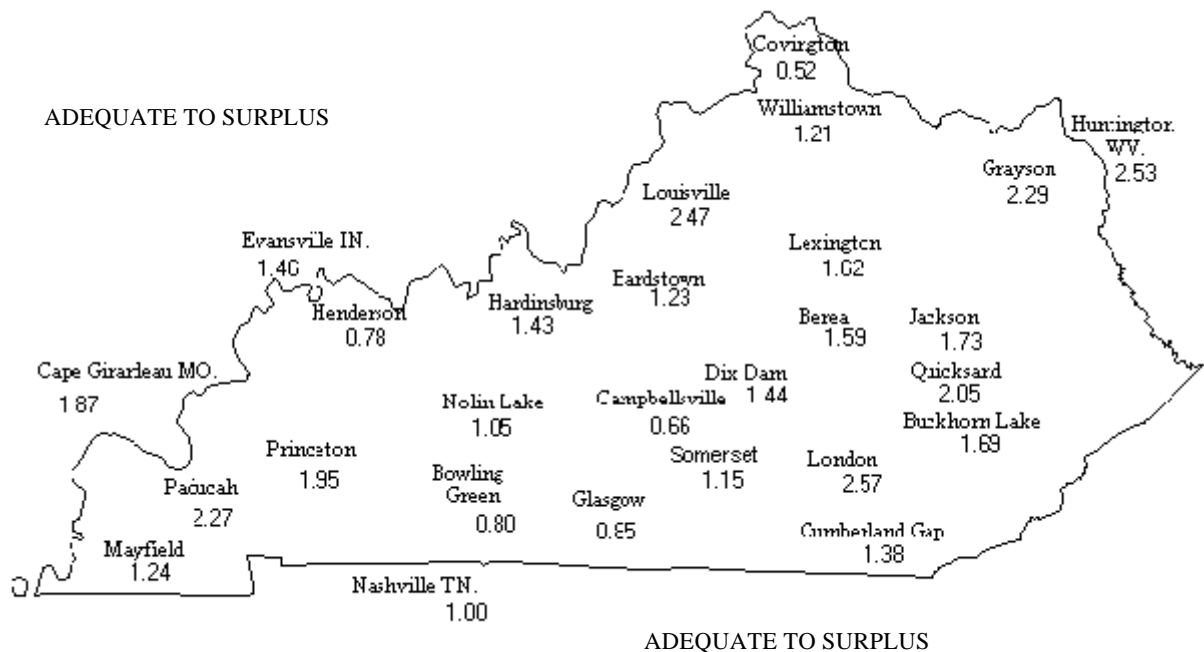
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	0	0
Short	0	0
Adequate	38	24
Surplus	62	76
SUBSOIL		
Very Short	0	0
Short	1	0
Adequate	49	37
Surplus	50	63

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING MAY 16, 2003					WEEK ENDING MAY 9, 2003				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn Emerged	2	10	33	40	15	3	6	30	44	17
Wheat	1	7	22	45	25	1	4	17	49	29
Pasture	0	3	14	52	31	0	3	13	56	28
Hay Crops	1	3	18	53	25	0	2	14	56	28
Tobacco Set	0	4	29	56	11	-	-	-	-	-

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, MAY 18, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MAY 16, 2003



KENTUCKY WEATHER SUMMARY, MAY 12 - 18, 2003:

SLIGHTLY BELOW NORMAL TEMPERATURES AND ABOVE NORMAL RAINFALL:

Slightly below normal temperatures without rain to start the week, with a transition to near normal temperatures and daily rainfall for the remainder of the week. For the second week in a row, a slow moving frontal system rolled across the region. This caused a re-soaking of already moist soils, and another week of limited field activity. So far this May, the State as a whole, has seen 5.80 inches of rainfall, which was almost twice the normal amount.

Temperatures for the period averaged 65 degrees across the State which was 2 degrees below normal. High temperatures averaged from 75 in the West to 71 in the East. Departure from normal high temperatures ranged from 6 degrees below normal in the West to 4 degrees below normal in the East. Low temperatures averaged from 57 degrees in the West to 54 degrees in the East. Departure from normal low temperature ranged from 1 degree above normal in the West to near normal in the East. Extreme temperatures for the week were 81 and 43 at Paducah and Quicksand, respectively.

Rainfall for the period totaled 1.53 inches statewide which was 0.46 inches above normal. Precipitation totals by climate division, West 1.60 inches, Central 1.30 inches, Bluegrass 1.28 inches and East 1.92 inches, which was 0.49, 0.20, 0.26 and 0.92 inches respectively above normal. By station, precipitation totals ranged from a low of 0.52 inches at Covington to a high of 2.57 inches at London.

Tom Priddy

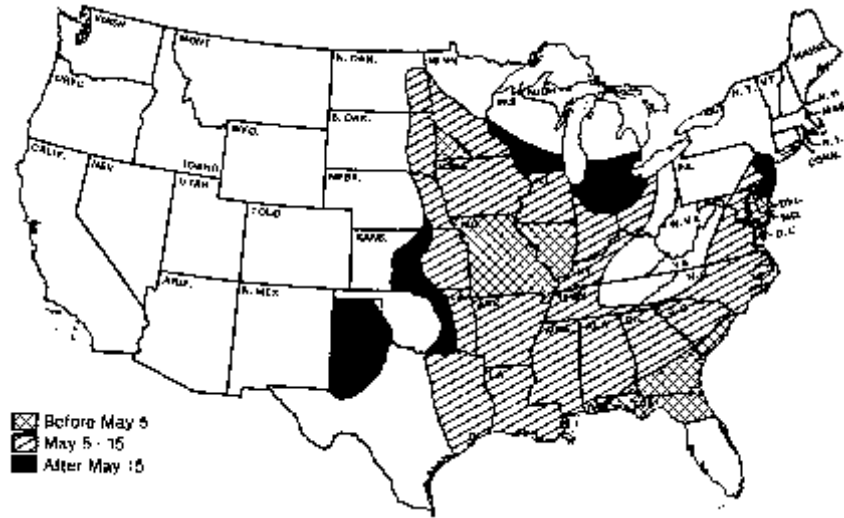
KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, MAY 18, 7:00 P.M.

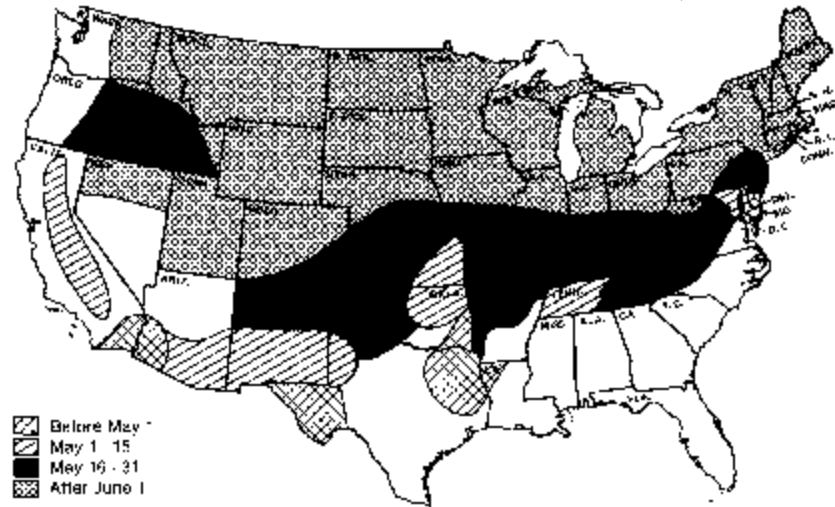
Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)					(Degrees Fahrenheit)						
Bardstown	1.23	12.38	7.69	+5.90	+3.80	76	52	64.3	-2	98	631	+61
Berea	1.59	9.83	6.39	+2.78	+2.18	76	52	65.4	+0	106	662	+74
Bowling Green	0.80	9.97	7.02	+2.78	+2.71	78	49	66.9	+1	116	692	+104
Bristol	0.90	10.56	5.05	+5.00	+1.69	77	46	62.9	-2	92	571	+49
Buckhorn Lake	1.69	10.78	5.58	+4.64	+1.94	75	45	63.1	-2	93	626	+104
Cape Girardeau	1.87	12.14	10.59	+4.70	+6.10	83	49	66.4	-2	115	646	+40
Campbellsville	0.66	9.82	5.52	+2.07	+0.93	78	51	66.0	-0	111	710	+122
Covington	0.52	7.98	7.15	+1.74	+3.41	74	45	61.7	-3	85	517	+25
Cumberland Gap	1.38	11.96	5.39	+5.09	+1.24	79	47	64.1	-1	99	621	+99
Dix Dam	1.44	11.31	7.57	+4.34	+3.41	75	52	64.6	-1	99	639	+69
Evansville	1.46	8.70	6.39	+1.92	+2.29	78	48	65.4	-3	106	594	+36
Glasgow	0.85	9.78	5.62	+2.29	+1.17	80	50	66.6	+0	116	738	+210
Grayson	2.29	11.83	8.97	+5.73	+5.29	74	47	62.2	-3	85	603	+129
Hardinsburg	1.43	11.93	7.96	+4.79	+3.70	77	50	65.1	-1	103	656	+68
Henderson	0.78	10.60	8.04	+3.70	+3.98	78	50	65.1	-3	105	646	+58
Huntington	2.53	12.42	9.52	+6.35	+5.85	74	45	61.9	-3	83	586	+64
Jackson	1.73	9.38	5.42	+2.68	+1.45	74	49	61.9	-3	83	596	+74
Lexington	1.62	11.24	8.37	+4.76	+4.48	76	49	63.6	-1	95	567	+75
London	2.57	11.61	5.87	+5.22	+2.09	78	45	63.2	-2	94	605	+83
Louisville	2.47	12.78	9.75	+5.87	+5.66	75	51	64.6	-2	100	609	+51
Mayfield	1.24	8.85	6.33	+0.89	+1.74	76	49	64.4	-4	99	623	-13
Nashville	1.00	10.68	6.98	+3.48	+2.69	83	49	67.9	+2	124	720	+84
Nolin Lake	1.05	11.02	6.91	+3.31	+2.22	77	49	66.1	-0	111	698	+128
Paducah	2.27	10.94	8.32	+3.06	+3.78	81	49	66.9	-1	116	678	+72
Princeton	1.95	11.69	9.01	+4.01	+4.53	80	48	67.4	-1	121	700	+82
Quicksand	2.05	10.16	6.22	+3.46	+2.25	75	43	63.1	-2	93	641	+119
Somerset	1.15	10.32	4.55	+3.03	+0.16	78	47	64.4	-1	100	656	+86
Spindletop	1.29	8.32	5.64	+1.84	+1.75	77	48	63.3	-2	93	560	+68
Williamstown	1.21	7.25	5.61	+0.54	+1.67	77	44	62.6	-3	92	599	+107

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

SOYBEANS - USUAL START OF PLANTING



ALFALFA HAY - USUAL START OF HARVESTING, PRINCIPAL AREAS



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